BANGALORE WATER SUPPLY AND SEWERAGE BOARD

Executive Engineer (Quality Assurance) Division,
Suvarna Bhavan, 1st Floor, 18th Cross, Margosa Road,
Malleshwaram, Bangalore-560012

INVITATION FOR SHORT TERM TENDER

(ONLY THROUGH KPPP TENDERING)

IFT NO.BWSSB/EQATE/PB/1103/2025-26 DATED: 01-12-2025

KPPP Tender Notification

The Executive Engineer, Quality Assurance Division, BWSSB, Suvarna Bhavana 1st Floor, 18th Cross, Malleshwaram, Bangalore invites item war rate though Kppp portal in Two Cover System from eligible Tenderers for the "Work of construction of chlorination room at Aero Engine and installation of 3 ton Electrical hoist and 5 way manifold along with necessary parts at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB".

Amount put to tender

The amount with GST: Rs. 92,66,452.61/-

The amount without GST: Rs. 78,52,925.94/-

Period of view/download of tender document is from 02-12-2025 to 09-12-2025 upto 17:30 hours. Last date of submission of complete tenders is 09-12-2025. The details regarding the tender and participation in the Kppp process can be obtained by log in on to website https://kppp.karnataka.gov.in .

-Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,

Margosa Road,Malleshwaram,
Bangalore-560012.

TENDER REFERENCE :	IFT No.BWSSB /EQATE/PB/ 1103/2025-26 Dated: 01-12-2025
PERIOD OF SALE OF TENDER DOCUMENT	From: 02-12-2025 To: 09-12-2025 upto 17.30 hrs
LAST DATE FOR SUBMISSION OF COMPLETE TENDER	09-12-2025 @ 17:30 Hrs
TIME AND DATE OF OPENING OF TECHNICAL BID /FIRST COVER OF TENDERS	11-12-2025 @ 12:00 Hrs
PLACE OF OPENING OF COVER ONE OF TENDERS	Office of the Executive Engineer, Quality Assurance Division, BWSSB, Suvarna Bhavana 1st Floor, 18th cross, Margosa Road, Malleshwaram, Bangalore-560012.
TIME AND DATE OF OPENING OF FINANCIAL BID / SECOND COVER OF TENDERS	12-12-2025 @ 12:00 Hrs
PLACE OF OPENING OF COVER TWO OF TENDERS	Office of the Executive Engineer, Quality Assurance Division, BWSSB, Suvarna Bhavana 1st Floor, 18th cross, Margosa Road, Malleshwaram, Bangalore-560012.
PLACE OF OPENING OF TENDER	Office of the Executive Engineer, Quality Assurance Division, BWSSB, Suvarna Bhavana 1st Floor, 18th cross, Margosa Road, Malleshwaram, Bangalore-560012.
ADDRESS FOR COMMUNICATION	Office of the Executive Engineer, Quality Assurance Division, BWSSB, Suvarna Bhavana 1st Floor, 18th cross, Margosa Road, Malleshwaram, Bangalore-560012.

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SECTION 1: INVITATION FOR SHORT TERM TENDERS (IFT)

BANGALORE WATER SUPPLY AND SEWERAGE BOARD
Executive Engineer (Quality Assurance) Division,
Suvarna Bhavan, 1st Floor, 18th Cross, Margosa Road,
Malleshwaram, Bangalore-560012

INVITATION FOR ITEM WAR TENDER
(ONLY THROUGH KPPP PORTAL)

https://kppp.karnataka.gov.in

IFT No/ BWSSB / EQATE / PB/ 1103 /2025-26 DATED: 01-12-2025

1. The Executive Engineer, Quality Assurance Division, BWSSB invites tenders from eligible tenderers, for the work detailed in the Table below. The tenderers may submit tenders for any or all of the works given in the Table. **Two Cover Tender procedure as per Rule 28 of the KTPP Act shall be followed. The Tenders are required to submit their EMD, technical offer and financial offer and the details of their capability to undertake the tender (as detailed in ITT Clause 3 and section 2(a) and section (4) in Kppp portal. The price tender will be opened only if the Tenderer is found to be qualified to execute the tendered work. The Tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the Instructions to Tenderers to qualify for award of the contract.**

2. Tender documents can be view/download from Kppp portal from **02-12-2025** to **09-12-2025**. Interested Tenderers may obtain further information at the address mentioned below.

3. The Tenderers can download the bid document using his user ID-Password by accessing Karnataka Govt. Kppp portal website https://kppp.karnataka.gov.in for electronic tender form. Additional information related to Kppp process can be obtained through the above mentioned website. The electronic tender comprising Technical and Financial bids will be operated as **Two Cover System.**

4. Tenders must be accompanied by earnest money deposit specified for the work in the Table below. Earnest money deposit will have to be in

any one of the forms as specified in the Tender document and shall have to be valid for 45 days beyond the validity of the tender.

Package No.	Name of work	Approximate value of work (Rs.)	Earnest Money Deposit @ 2% (Rs.)	Cost of document (Rs.)	Period of completion	Remarks
1	2	3	4	5	6	
1	Work of construction of chlorination room at Aero Engine and installation of 3 ton Electrical hoist and 5 way manifold along with necessary parts at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB	Rs. 78,52,925.94/-	Rs.1,57,100/-	As per Kppp portal	4 Months	

5. The last date for submission of complete tender document is **09.12.2025** upto **17:30 hrs**. The Technical bids (cover one) will be opened **11.12.2025** at **12.00hrs** and Financial bids of technically qualified tenderers (cover two) will be opened on **12.12.2025** at **12.00hrs**. If the bid-opening day remains as public holiday, Bids will be opened on the next working day at the original stipulated time.
6. EMD can be paid through OTC, NEFT, and DEBIT CARD & CREDIT CARD through Kppp only. The value of the Bid Security / EMD is as mentioned in the table above in column 4.
7. Tenderers can access tender documents from the website and upload the required details, those are mentioned in different sections in the bid document in to electronic tender box on the website. Scanned documents those are required to be furnished as per Section 2, 3 & 4 of the bid document shall be submitted through Kppp in PDF format for clear vision.
8. The cost of the tender document once paid will not be refunded.
9. The successful Tenderers would be required to give **performance bank guarantee of 5%** of the contract amount plus **additional security for unbalanced bid amount from a Nationalized/Scheduled Indian Bank,** with jurisdiction at Bangalore as specified, towards guarantee for completion of work within the stipulated period.
10. Applications / requisitions from joint venture Firms are not acceptable.
11. Bangalore Water Supply and Sewerage Board reserve the right to cancel or annul the entire or part of this process of invitation at any time without assigning any reason.
12. For any additional information regarding the above tender, the firms who are interested to quote, may contact office of the undersigned at the office address given below on all working days during office hours 10.00 hours to 17.30 hours.

13. List of documents to support qualification of Tenderers is to be uploaded to the Kppp website https://kppp.karnataka.gov.in.
14. Tenderers shall submit offers that comply with the requirements of the bid document, including the basic technical design as indicated in the drawing and specifications. Alternatives will not be considered. The attention of the Tenderers is drawn to clause 18 regarding the rejection of the bids, which are not substantially responsive to the procurement of the bid document.
15. Other details can be seen in the tender documents.

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Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012

SECTION 2: INSTRUCTIONS TO TENDERERS (ITT)

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25. Security deposit
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A. General

1. Scope of Tender

1.1 The Executive Engineer, Quality Assurance Division, BWSSB (Referred to as Employer in these documents) invites tenders following Two Cover tender procedure, from eligible Tenderers for the Work of construction of chlorination room at Aero Engine and installation of 3 ton Electrical hoist and 5 way manifold along with necessary parts at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB (as defined in these documents and referred to as "the works") detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for any or all of the works detailed in the table given in IFT.

2. Eligible Tenderers

2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka

2.2 **Tenders from Joint ventures are not acceptable.**

3. Qualification of the Tenderer:

3.1 All Tenderers shall provide the requested information accurately and in sufficient detail in Section3: Qualification information.

3.2 To qualify for award of this contract, each Tenderer in its name should have in the last five years (i.e., 2020-21 to 2024-25)

(a) Achieved in at least two financial years an average annual financial turnover of Rs.92,66,453/- documentary proof in the form of certificate issued by a Chartered Accountant along with relevant balance sheets has to be uploaded

(b) Satisfactory completed as a prime contractor for at least one similar work such as the Work of construction of chlorination room by providing hoist facility with installation of semi-automated vacuum chlorinator which is integrated with SCADA of value not less than Rs.46,33,226/-

(c) Executed in any one year, the following minimum quantities of work
- Work of construction of chlorination room by providing hoist facility with installation of semi-automated vacuum chlorinator which is integrated with SCADA of quantity not less than 1Nos.
-(Usually 80% of the peak annual rate of construction) *

(d) The tenderer or his identified sub-contractor should possess required valid registration form PWD Karnataka/ BWSSB before award of contract.

(f) Deleted.

3.3 Each tenderer should further demonstrate:
(a) Deleted.
(b) Liquid assets and /or availability of credit facilities of not less than Rs.92,66,453/- (Credit lines/ letter of credit/ certificates from banks for meeting the fund requirement etc.)

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the Tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.5. Sub- contractors experience and resources shall not be taken into account in determine the Tender's compliance with the qualifying criteria.

3.6 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:

Assessed available tender capacity = (A*N*2.5 - B) > Rs. 92,66,453/-
where
A - Maximum value of similar work in any one year during the last five years taking into account the completed as well as works in progress.
N - Number of years prescribed for completion of the works for which tenders are invited.
B – Value of ongoing works with GST

Note: The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.

3.2 Even though the Tenderers meet the above criteria, they are subject to be disqualified if they have:

- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or

- record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or

- participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

B. Tender documents

4. Content of Tender documents

4.1 The set of tender documents shall have all the Sections given in Page 3:

4.2 Both the sets should be completed and returned with the tender.

5. Amendment of Tender documents

5.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda.

5.2 Any addendum thus issued shall be part of the tender documents and shall be communicated in writing or by cable to all the purchasers of the tender documents.

5.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders, in accordance with Sub-Clause 12.2 below.

C. Preparation of Tenders

6. Documents comprising the Tender

6.1.1 The tender submitted by Kppp by the Tenderer shall contain the document as follows:

(a) Scanned copy of Earnest Money Deposit;

(b) The form of Tender (in the format indicated in Section 4)

(c) Scanned copies of the certificates supporting the qualified as in Section 3. Any other materials required to be completed and submitted by Tenders in accordance with these instructions. The documents listed under Section 3, 4 6 & 9 shall be filled in without exception. PHOTOCOPIES OF THE DOCUMENTS SHOULD BE NOT ARISED.

6.1.2 Rates for the bill of quantities (section 9) shall be entered at the provision made in the Kppp web site portal.

6.2 Tenderers submitting tenders together with other contracts stated in the IFT to form a package will so indicate in the tender together with any discounts offered for the award of more than one contract.

7. Tender prices

7.1 The contract shall be for the whole works as described in Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

7.2 The Tenderer shall fill in rates in figures for all Items of the Works described in the Bill of Quantities. The system will automatically convert the unit rates mentioned in figures to words and also calculated the amount of that item as well as the total Tender Value. Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the bill of Quantities.

7.3 All duties, taxes, and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer.

7.4 The rates and prices quoted by the Tenderer shall be fixed for the duration of the Contract and shall not be subject to adjustment on any account.

8. Tender validity

8.1 Tenders shall remain valid for a period not less than ninety days after the deadline date for tender submission specified in Clause 12. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.

8.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the Tenderers may extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing or by cable. A Tenderer may refuse the request without forfeiting his earnest money deposit. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his earnest money deposit for a period of the extension, and in compliance with Clause 9 in all respects.

9. Earnest money deposit

9.1 Earnest money deposit shall be paid through Kppp portal only using any of the following four modes.

i. Credit Card (on line payment)

ii. Direct debit using internet banking (online Payment)

iii. Remittance at the Bank Counter- challan (offline Payment)
iv. NEFT.

9.2 Instruments having fixed validity issued as earnest money deposit for the tender shall be valid for 45 days **beyond** the validity of the tender.

9.3 Any tender not accompanied by an acceptable earnest money deposit and not secured as indicated in Sub-Clauses 9.1 and 9.2 above shall be rejected by the Employer as non-responsive.

9.4 The earnest money deposit of unsuccessful Tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 8.1.

9.5 The earnest money deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.

9.6 The earnest money deposit may be forfeited:
(a) If the Tenderer withdraws the Tender after tender opening during the period of tender validity;
(b) If the Tenderer does not accept the correction of the Tender Price, pursuant to Clause 19; or
(c) In the case of a successful Tenderer, if the Tenderer fails within the specified time limit to
(i) Sign the Agreement; or
(ii) Furnish the required Security deposit

10. Format and signing of Tender

10.1 The completed bid comprising of documents indicated in ITB 12, should be uploaded by accessing **Karnataka Government** website **https://kppp.karnataka.gov.in** through '**Kppp**" along with scanned copies of requisite certificates those are mentioned in different sections in the bid document and scanned copy of Bid Security/EMD in case it s provided in the form OTC, NEFT, Debit Card & Credit Card.

10.2 All the documents should be uploaded in Kppp portal website. Tenderer should take a print out of the Form of Tender in section 4 of tender document on company letterhead and should sign, stamp and upload the same to the tender. Authenticity of the signing authority shall be furnished. With this, it is taken that Tenderer has signed & submitted the tender.

10.3 The Tender shall contain no alterations or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialed by the person signing the Tender.

D. Submission of Tenders

11. Up-loading and Submission of Tenders

11.1 The Tenders should be uploaded only through Kppp website. Tender should contain

A. **Technical tender consisting of following:**

a. All the Documents with required details in prescribed format: those are mentioned in different sections in the Tender. Form of Tender, etc., shall be down loaded, filled with required details, signed, scanned & uploaded to the Kppp portal (**https://kppp.karnataka.gov.in**) .

b. The above documents along with notarized copies of documentary evidences as indicated in Section-II ITT, Section – II Qualification information & Section IV Forms of Tender shall be scanned and uploaded to the website compulsorily, failing which tender will be rejected in view of incomplete tender document and

B. **Financial Tender consisting of Bill of Quantities:**

All rates for the items in the schedule shall be posted in the work template provided in the tender document. Rates shall be entered in figures only and rates in words be automatically generated.

11.2 Deleted

11.3 BID reference Number will be automatically generated by the server.

11.4 Deleted

12. Deadline for submission of the Tenders

12.1 Deleted

12.2 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 5, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

13. Late Tenders

13.1 The software of Kppp website system will not allow the Tenderer to upload the documents after expiration of the stipulated date & time of bid submission. The Tender shall refer the server time, which will be displayed in the Kppp portal. BWSSB will not be responsible for non receipt of bids on the stipulated date & time prescribed in clause 12, due to Internet problems, improper uploading or any other related problems. In case of connectivity problems, Tenders may

contact help desk of the Kppp portal service provider and may also draw the attention of tender inviting authority.

14. Modifications and Withdrawal of Tenders

14.1 Tenderers may modify and withdraw their tenders multiple numbers of times, until the deadline for submission of tenders by operating the relevant provision made in Kppp. If the tenderer withdraws the tender before the deadline for submission of tenders and later if he is interested to submit the tender once again, may do so within the stipulated date & time as mentioned in Clause 12. In this case within the stipulated date and time, the tenderer can once again submit the requisition to the officer inviting tenders for access to withdrawn tender document for resubmission. For this tenderer need not make any additional payment towards the cost of tender document. Communication of modification/withdrawal by other means will not be accepted.

14.2 Deleted

14.3 No tender may be modified after the deadline for submission of tenders.

14.4 Withdrawal or modification of a tender between the deadline for submission of tenders and the expiration of the original period of tender validity specified in Clause 8.1 above or as extended pursuant to Clause 8.2 may result in the forfeiture of the earnest money deposit pursuant to clause 9.

14.5 Tenders may only offer discounts for individual items by simply modifying the quoted unit price in the bill of quantities. Also, Tenderer may enter their overall discount, at specified location in the Bill of Quantities only, by submitting tender modifications in accordance with this clause. Communication of discount by other means will not be accepted.

E. Tender opening and evaluation

15. Tender Opening:

15.1 The Employer will open the Technical details of all the Tenders received (except those withdrawn), including modifications made pursuant to Clause 14, in the presence of the Tenderers or their representatives who choose to attend at the Employer’s office mentioned in the earlier Para at 12:00 hours on the date and the place specified. In the event of the specified date of Tender opening being declared a holiday for the

Employer, the Tenders will be opened at the appointed time and location on the next working day.

15.2 WITHDRAWAL proposal submitted pursuant to clause 14 shall be read out first and their bids shall not be opened

15.3 The Tenderers names, the presence or absence of earnest money deposit (amount, format and validity), the submission of qualification information and such other information as the Employer may consider appropriate will be announced by the Employer at the opening.

15.4 The Employer shall prepare minutes of the Tender opening, including the information disclosed to those present in accordance with Sub-Clause 15.3.

15.5 The Price Tenders of all the Tenderers including modifications for financial tenders cannot be opened as this is programmed to open later after evaluation of the Technical details of the participating Tenderers

15.6 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.

16. Opening of second cover of qualified Tenderers and evaluation:

16.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the price Tenders. The Employer will open the price tender of Qualified Tenderers at the appointed time and date in the presence of the Tenders or their representatives who choose to attend. In the event of the specified date of Price tender opening being declared a holiday for the Employer, the price tenders will be opened at the appointed time and location on the next working day.

16.2 Deleted.

16.3 The Tenderers names, the Tender prices, the total amount of each Tender, any discount, tender modifications and with drawls, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening. No Tender shall be rejected at Tender opening.

16.4 The Employer shall prepare minutes of the Price Tender opening, including the information disclosed to those present in accordance with Sub-Clause 16.3.

17. Process to be confidential

17.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons

not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

18. Clarification of Tenders

18.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Tenders in accordance with Clause 20.

18.2 Subject to sub-clause 18.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

18.3 Any effort by the Tenderer to influence the Employer in the Employer’s Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers’ Tender.

19. Examination of Tenders and determination of responsiveness

19.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender (a) has been properly signed; and (b) is substantially responsive to the requirements of the Tender documents.

19.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer’s rights or the Tenderers obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

19.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by

correction or withdrawal of the nonconforming deviation or reservation.

20. Correction of errors

20.1 (a) Once the Tenderer key in the rates in figures, in the Bill of quantities
provided, the system will automatically calculate the amount of that item as well as the total Bid value.

20.2 Deleted

21. Evaluation and comparison of Tenders

21.1 The Employer will evaluate and compare only the tenders determined to be substantially responsive in accordance with clause 19.

21.2 Deleted

21.3 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors, which are in excess of the requirements of the tender documents or otherwise result in unsolicited benefits for the employer, shall not be taken into account in tender evaluation.

F. Award of Contract

22. Award criteria

22.1 Subject to Clause 24, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price, provided that such Tenderer has been determined to be (a) eligible in accordance with the provisions of Clause 2, and (b) qualified in accordance with the provisions of Clause 3.

23. Employer's right to accept any Tender and to reject any or all Tenders

23.1 Notwithstanding Clause 22, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

24. Notification of award and signing of Agreement

24.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

24.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of a performance security in accordance with the provisions of Clause 25.

24.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

24.4 Upon the furnishing by the successful Tenderer of the Security deposit, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

25. Security deposit

25.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5% of the Contract price plus additional security for unbalanced tenders.

1 - A bank guarantee in the form given in Section 10;

2 - Banker’s cheque/Demand draft, /Pay Order in favour of **The Chairman**

3 **payable at Bangalore**

25.2 The security deposit is provided by the successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized/Scheduled bank.

25.3 The security deposit if furnished in cash or demand draft can, if requested, be converted to interest bearing securities at the cost of the contractor

25.4 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 25.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the earnest money deposit.

26. Corrupt or Fraudulent practices

26.1 The GOK requires that the Tenderers/ Suppliers/ Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, GOK :

(a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a GOK contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GOK contract.

26.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 43.2 of the Conditions of Contract.

-Sd/-
Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012.

SECTION 3: QUALIFICATION INFORMATION

The Following form is to be downloaded, particulars are to be filled, scanned and uploaded by the Tenderers, to **website: https://kppp.karnataka.gov.in** along with the Bid.

Note: The detailed procedure for downloading/uploading the documents will be available in Help Wizard, Vendor manual & FAQ of the above mentioned website.

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer Attach copy]
Place of Registration
_____

(Attach Copy)
Principal place of business:
_____

1.2 Total value of similar nature of works executed and payments received in the last five years (in Rs. Lakhs) (Attach certificate from chartered accountant)
2020 - 21 _____
2021 -22_____
2022 - 23_____
2023 - 24_____
2024 - 25_____

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above.

Project Name	Name Employer	Description of work	Contract Number	Value of contract Rs. Lakh	Date of issue work order	Date of specified period of completion	Actual date of completion	Remarks explaining reasons for delay in completion of work
1	2	3	4	5	6	7	8	9

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years
specified in 1.2 above:

Year	Name of Work	Name of Employer	Quantity of work performed			Remarks (Indicate contract reference)
2020-21						
2021-22						
2022-23						
2023-24						
2024-25						

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works:

Description of work	Place & state	Contract No. & Date	Name & address of Employer	Value of contract Rs. Lakh	Stipulated period of completion	Value of works Anticipated remaining to be completed (Rs. lakhs)	Anticipated Date of completion
1	2	3	4	5	6	7	8

(B) Works for which Tenders already submitted:

Description of work	Place & state	Name & address of Employer	Estimated value of works (Rs. lakhs)	Stipulated period of completion	Date when decision is expected	Remark if any
1	2	3	4	5	6	7

1.6. The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below.

Item of equipment	Requirement		Owned	Owned and available		Remarks
	No	Capacity		No/ Capacity	Age/ condition	

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

1.9. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.

1.10 Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:

1.11 Proposals for subcontracting components of works amounting to more than 20% of the contract price .

Item of work	Value of sub contract	Identified of sub-contractor (Name & address)	Experience of similar work

1.12 Information on litigations in which the Tenderer is involved:

Other party (ies)	Employer	Details of dispute	Amount involved	Remark showing present status

-Sd/-

Executive Engineer,

Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012.

BANKER'S CERTIFICATE

This is to certify that M/s. ..... Is a reputed company with a good financial standing. If the contract for this work, namely .....(name of the work) is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs. ..... to meet the working capital requirements for executing the above contract.

Name of the Bank, Senior Bank Manger
Address:
.....

SECTION 4:
FORMS OF TENDER, LETTER OF ACEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM

Form of Tender

[Tenderer shall down load this page, print on the letter head, fill the gaps, put the signature, scan the sheet & upload to the web site. Failing which tender will be treated as non- responsive]

Description of the Works: Work of construction of chlorination room at Aero Engine and installation of 3 ton Electrical hoist and 5 way manifold along with necessary parts at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB.

To :

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012.

GENTLEMEN,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of as mentioned in BOQ.

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely “Prevention of Corruption Act 1988”.

We hereby confirm that this Tender complies with the Tender validity and Earnest money deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.

Yours faithfully,

Authorized Signature:
Name & Title of Signatory:

_____
Name of Tenderer _____
Address: ----------

Letter of Acceptance

(letterhead paper of the Employer)

_____[date]

To:

_____[name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated _____ for execution of the _____ [name of the contract and identification number, as given in the Instructions to Tenderers] for the Contract Price of Rupees —— _____ (_____) [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit, in the form detailed in Para 25.1 of ITT for an amount of Rs.——————— within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability Period i.e. up to ..... and sign the contract, failing which action as stated in Para 25.4 of ITT will be taken.

Yours faithfully,
Authorized Signature
Name and Title of Signatory
Name of Agency

Issue of Notice to proceed with the work

(letter head of the Employer)

——————— (date)

To

——————————————— (name and address of the Contractor)

———————————————

———————————————

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 25.1 and signing of the contract agreement for the construction of ——————— (name of the contract) a Tender Price of Rs.———————, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature, name and title of signatory authorized to sign on behalf of Employer)

Agreement Form

Agreement

This agreement, made the _____day of _____20_____, between_____ _____[name and address of Employer] (herein after called "the Employer") of the one part and _____ _____[name and address of contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute _____ _____ _____[name and identification number of Contract] (hereinafter called "the Works") and the Employer has accepted the Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.

2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.

3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
   i) Letter of Acceptance;
   ii) Notice to proceed with the works;
   iii) Contractor's Tender;
   iv) Contract Data;
   v) Conditions of contract (including Special Conditions of Contract);
   vi) Specifications;
   vii) Drawings;
   viii) Bill of Quantities; and
   ix) Any other document listed in the Contract Data as forming part of the contract.

Safety Measures:

5. Jurisdiction of Courts/Arbitration:
   The sitting of arbitration shall be held at Bangalore only and nowhere else.

6. Dispute of any kind arising out of the contract shall be resolved within the jurisdiction of Bangalore city only and parties agree and clearly understand that the

courts/tribunals situated at Bangalore Metropolitan City have exclusive jurisdiction for the redressal of the disputes arising out of the contract and at no other place.

7. The parties further agree and understand that the place or places of issue of bank guarantee other than Bangalore will have no jurisdiction to resolve dispute of any kind relating to enforcement of the bank guarantees submitted by the contractor at Bangalore for the execution of the contract at Bangalore.
8. The contractor shall comply with all the legal requirements in the matter of employment of workmen and provide all safety gadgets to the workmen while working in the hazards place or conditions during the execution of the contract.
9. Contractor shall be fully responsible in the event of death of employee/workman during the execution of the work and liable to pay adequate compensation to the dependants of employee/workman as per law.
10. On his/their failure, if the Board is made to pay compensation the same shall be recovered by the Board from the contractor out of the amounts due to the contractor or by appropriate legal action.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.
The Common Seal of _____
was hereunto affixed in the presence of:
Signed, Sealed and Delivered by the said _____
_____
in the presence of:
Binding Signature of Employer _____
Binding Signature of Contractor _____

-Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012

SECTION 5: CONDITIONS OF CONTRACT
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Conditions of Contract

A. General

1. Definitions

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.

Compensation events are those defined in Clause 34 here under.

The **Completion Date** is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 38.1.

The **Contract** is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.3 below.

The **Contract Data** defines the documents and other information which comprise the Contract.

The **Contractor** is a person or corporate body whose Tender to carry out the Works has been accepted by the Employer.

The **Contractor's Tender** is the completed Tender document submitted by the Contractor to the Employer.

The **Contract price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

Days are calendar days; **months** are calendar months.

A **Defect** is any part of the Works not completed in accordance with the Contract.

The **Defects liability period** is the period named in the Contract Data and calculated from the Completion Date.

The **Employer** is the party who will employ the Contractor to carry out the Works.

Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

The **Initial Contract price** is the Contract Price listed in the Employer's Letter of Acceptance.

The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.

Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.
Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.

The **Site** is the area defined as such in the Contract Data.

Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.

The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.

A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the Site.

A **Variation** is an instruction given by the Employer which varies the Works.

The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Contract Data.

2. Interpretation

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority:

(1) Agreement
(2) Letter of Acceptance, notice to proceed with the works
(3) Contractor’s Tender
(4) Contract Data
(5) Conditions of Contract
(6) Specifications
(7) Drawings
(8) Bill of quantities and
(9) any other document listed in the Contract Data as forming part of the Contract.

3. Law governing contract

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. Delegation

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. Subcontracting

7**.**1 The Contractor may subcontract with the approval of the Employer but may not assign the Contract without the approval of the Employer in writing. Subcontracting does not alter the Contractor's obligations.

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor’s staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer’s and Contractor's risks

10.1 The Employer carries the risks which this Contract states are Employer’s risks, and the Contractor carries the risks which this Contract states are Contractor’s risks.

11. Employer's risks

11.1 The Employer is responsible for the excepted risks which are (a) in so far as rebellion, riot commotion or disorder or (b) a cause due solely to the design of the Works, other than the Contractor’s design.

12. Contractor's risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Queries about the Contract Data

13.1 The Employer will clarify queries on the Contract Data.

14. Contractor to construct the Works

14.1 The Contractor shall construct the Works in accordance with the Specification and Drawings.

15. The Works to be completed by the Intended Completion Date

15.1 The Contractor may commence execution of the Works on the Start Date and complete them by the Intended Completion Date.

16. Safety

16.1 The Contractor shall be responsible for the safety of all activities on the Site.

17. Discoveries

17.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

18. Possession of the Site

18.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

19. Access to the Site

19.1 The Contractor shall allow the Employer and any person authorized by the Employer access to the Site, to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured / fabricated / assembled for the works.

20. Instructions

20.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

B. Time Control

21. Program

21.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.

21.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

22. Extension of the Intended Completion Date

22.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

22.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

23. Delays ordered by the Employer

23.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

24. Management meetings

24.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.

24.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

C. Quality Control

25. Identifying defects

25.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect

26. Tests

26.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

27. Correction of defects

27.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

27.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer's notice.

28. Uncorrected defects

28.1 If the Contractor has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

D. Cost Control

29. Bill of Quantities (BOQ)

29.1 The BOQ shall contain items for the installation, testing, and commissioning work to be done by the Contractor.

29.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item

30. Variations

30.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him

(a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ);
(b) Omit any item of work;
(c) Change the character or quality or kind of any item of work;
(d) Change the levels, lines, positions and dimensions of any part of the work;
(e) Execute additional items of work of any kind necessary for the completion of the works; and
(f) Change in any specified sequence, methods or timing of construction of any part of the work.

30.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.

30.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.

30.4 The Contractor shall promptly request in writing the Employer to confirm verbal orders and if no such confirmation is received within 15 days of request, it shall be deemed to be an order in writing by the Employer.

31. Payments for Variations

31.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.

31.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract or the BOQ whichever lesser.

31.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract

31.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 31.1 or 31.2 or 31.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.

31.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer’s own forecast of the effects of the Variation on the Contractor's costs.

31.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

31.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

32. Submission of bills for payment

32.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.

32.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.

32.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

33. Payments

33.1 Payments shall be adjusted for deductions for retention, other recoveries in terms of the contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor the within 60 days of submission of bill.

33.2 80% of payment will be made on successful completion of work and remaining 20% will be made after completion of warranty and maintenance period of one year from the date of successful completion.

33.3 Items of the works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by others rates and prices in the contract.

34. Compensation events

34.1 The following are Compensation events unless they are caused by the Contractor:

(a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.

(b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.

(c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.

(d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.

(e) The effect on the Contractor of any of the Employer’s Risks.

(f) The Employer unreasonably delays issuing a Certificate of Completion.

(g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.

34.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

34.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer’s own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.

34.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

35. Tax

35.1 The rates quoted by the Contractor shall be deemed to be inclusive of the sales and other taxes that the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law.

36. Liquidated damages

36.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.

36.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

37. Cost of repairs

37.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

38. Completion

38.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

39. Taking over

39.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

40. Final account

40.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor’s revised account.

41. As built drawings

41.1 If “as built” Drawings are required, the Contractor shall supply them by the dates stated in the Contract Data.

41.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer’s approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

42. Termination

42.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

42.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) the Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;

(b) the Employer instructs the Contractor to delay the progress of the Works and the instruction is not withdrawn within 60 days;

(c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;

(d) a payment due to the Contractor is not paid by the Employer within 90 days of the date of the submission of the Bill by Contractor;

(e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;

(f) the Contractor does not maintain a security which is required;

(g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and

(h) if the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.

For the purpose of this paragraph : “corrupt practice” means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution. “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.”

42.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 42.2 above, the Employer shall decide whether the breach is fundamental or not.

42.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

42.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

43. Payment upon Termination

43.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

43.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

44. Property

44.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor’s default.

45. Release from performance

45.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made

F. Special Conditions of Contract

1. Labour :

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several

classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. Compliance with labour regulations :

During continuance of the contract, the Contractor and his sub contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. Protection of Environment:

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

-Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012

SECTION 6: CONTRACT DATA

Items marked "N/A" do not apply in this Contract.

The Employer is :
Name: Executive Engineer, Quality Assurance Division
Address: BWSSB, Suvarna Bhavana 1st Floor, 18th Cross, Malleshwaram, Bangalore -560 012.

Name of authorized Representative: Assistant Executive Engineer (QA)-3, BWSSB, 18th Cross,
Suvarna Bhavana 1st Floor,
Malleshwaram, Bangalore -12.

The name and identification number of the Contract is : IFT No. BWSSB/EQATE/PB/ /2025-26 Dtd:

Work of construction of chlorination room at Aero Engine and installation of 3 ton Electrical hoist and 5 way manifold along with necessary parts at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB

The work consist of: construction of chlorination room at Aero Engine and installation of 3 ton Electrical hoist and 5 way manifold along with necessary parts at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB

The start date shall be the date of issue of work order.

The Intended Completion Date for the whole of the Works is 3 months

The Site Possession Date is from the date Issue of Work order.

The Site is located at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB.

The Defects Liability Period is 12 months from date of successful completion of work

The liquidated damages for the whole of the works are Rs.0.1% of contract price per day.

The maximum amount of liquidated damages for the whole of the works is ten percent of final contract price.

The date by which Operating and maintenance manuals are required is within 30 days of issue of certificate of completion of whole or section of work as the case may be.

The amount to be withheld for failing to supply of operation and maintenance manuals by the date required.

The following events shall also be fundamental breach of the contract :

1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.

The percentage to apply to the value of the work not completed representing the Employer's additional cost for completing the Works shall be 30 percent.

-Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012

SECTION 7: SPECIFICATIONS
(Special conditions of contract for this particular work)

Construction of chlorination room at Aero Engine and installation of 3 ton Electrical hoist and 5 way manifold along with necessary parts at Heggenahalli, Kothnurdinne, Jambusavaridinne, GKVK, Aero Engine and chandra layout GLR premises under BWSSB

Payment terms :-

a) 80% after successful completion of work.
b) Remaining 20% after completion of Defect Liability period of one year from date of commissioning.

Commencement of the work:-

The successful tenderer on intimation by letter of intent shall enter into an agreement with the Board for the above contract as per terms and condition of the tender within ten days. The date of commencement of contract will be reckoned from the date of issue of work order or signing of agreement whichever is earlier.

-Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012

SECTION 8: DRAWINGS

Deleted

SECTION 9: BILL OF QUANTITIES

Sl. No	Description of item	Unit	Qty	Rate (in Rs.)/unit (Exclusive of GST)		Amount (Rs)
				In figures	In words	
1	Earth work excavation by manual means for	m3	415.			

	drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kinds of soils Depth upto 1.5 m		20			
2	Depth exceeding 1.5m, but not exceeding 3 m	m3	340.20			
3	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting Depth exceeding 1.5m, but not exceeding 3 m	m3	85.05			
4	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.	m2	181.20			
5	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the	m3	44.44			

	other appurtenances required to complete the work as per technical specifications. Mix 1:4:8 Using 40 mm nominal size graded crushed coarse aggregates					
6	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	m3	56.592			
7	Formwork For Staging Building Foundation	m3	56.592			
8	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates	m3	34.815			
9	Formwork For Staging, Centering Retaining Walls	m3	25.652			
10	Formwork For Staging, Centering Neutralisation Pit, Culvert Drains	m3	9.163			
11	Providing and laying in Cement Concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete	m3	29.040			

	the work as per technical specifications. M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates					
12	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	m3	70.470			
13	Formwork For Staging, Centering Columns	m3	4.320			
14	Formwork For Staging, Centering Beams	m3	12.150			
15	Formwork For Staging, Centering Roof Slab	m3	54.00			
16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	m3	619.554			
17	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	m2	142.20			
18	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/ stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	m2	659.40			
19	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat	m2	299.			

	applied @ 1.67L/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.		40			
20	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 g/L and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives, New work (Two coats applied @ 1.43 L/ 10 m². Over and including priming coat of exterior primer applied @ 0.90 L/10 m² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	m2	479.40			
21	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification	t	13.62			
22	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6 kg/m2 to achieve final DFT (Dry Film Thickness) of 1mm including prime coat of epoxy primer @150 g/m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification	m2	148.50			
23	Providing and fixing Structural Steel work riveted, bolted or welded in built up sections, trusses and framed work, including	kg	5062.00			

	cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.					
24	Providing, fabricating and fixing Profiled Poly Urethane insulated Roof(PUF Sheet) having modular density 40kg/m2 and size 1.06m width and 7.60m length sheets roof having external sheet of 0.5mm steel, bottom sheet of 0.40mm steel with powder coated finish. The precoated sheet shall be of minimum 240MPa steel conforming to IS 14246 : 1995 and shal have zinc coating with minimum 120gsm as per IS 277:1992,.The roofing system shall have suitable water proof over lapping arrangments and GRIHA ceritifed. The fasting shall be of self tapping screws of required length with PVC head along with washer pre-painted aluminium cap unit with build in seal arrangments. The entire roof shall be firmly fastened to the existng frame including all lead and lifts, loading & unloading ,usage charges of machinery and equipments, transportation charges,labour charges and all other incidental charges etc.,complete as per standard technical detailed specifications and as directed by the Engineer in charge of the work 50mm thickness	m2	31.125			
25	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc. to be paid separately) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	m2	36.00			
26	Providing and laying 5mm thick Self levelling Epoxy Flooring for Residential, Commercial, Sports & Industrial purpose made of reputed brand applied at 1L/m2 on existing Concrete substrate of 25Mpa or more. The Concrete shall be free from any defects and cracks. The epoxy compound shall have low VOC (Based on USEPA Method 24 Section 11.2.2 & ASTM D2369-98) and is chemically resistant & antimicrobial. The surface of Concrete shall be cleaned thoroughly and free from laitance and applied with primer	m2	202.50			

	cured for 6-8 hours. The mix shall be mixed using Hand mixing rotary machine. The underlay shall be laid with 3mm thickness and overlay at 2mm. The entire operation shall be finished in line with epoxy coving and marked with 100mm thickness yellow marking lines complete as per the direction of Engineer in charge.					
27	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes	m	30.00			
28	32 mm nominal dia Pipes	m	30.00			
29	50 mm nominal dia Pipes	m	75.00			
30	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. 10 Kg/m2: 63mm	m	90.00			
31	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	L	2,000.00			
32	Supply, Erection, testing and commissioning of AMF panel suitable for.....kVA DG set. The panel is of cubical type base/ floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminium Bus Bar with the accommodation for.....A4 pole contactor for alternator with thermal O/L relay,.....A4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage,....capacity by pass switch and frequency sensing, PCC 1301 controller with water temperature/ Lube oil pressure/engine	Each	1.00			

	speed, Voltage/ampere/Frequency/kVA, Running-hour count, No of starts, Fault indication, over/underspeed, Fails to start, Low oil pressure, High engine temperature, Under/overvoltage, overcurrent, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMF module bypass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost facility. The complete set shall have sufficient safety and adhere to NEC, NBC 2016, IEC, CPWD specifications, PCB norms and KSGEI Acts and Rules. 62.5 KVA					
33	Concealed Conduit System: Supplying…… mm dia 2mm2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. 19/20mm dia 2mm thick	m	100.00			
34	25mm dia 2mm thick	m	50.00			
35	32mm dia 2.5mm thick	m	50.00			
36	Supplying and fixing PVC/metal conduit Deep junction box. 19/20 mm deep Junction box	Each	10.00			
37	25 mm deep Junction box	Each	15.00			
38	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. 1-2 Way	Each	5.00			
39	4-5 Way	Each	3.00			
40	10-12 Way	Each	1.00			
41	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush	Point	2.00			

	type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Short point upto 3Mtr from tapping point to out let via switch					
42	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Point	2.00			
43	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Point	2.00			
44	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 2 Module	Each	5.00			
45	4 Module	Each	2.00			
46	10-12 Module	Each	1.00			
47	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6A One Way Switch	Each	25.00			
48	6A Two Way Switch	Each	20.00			
49	Stepped Fan Regulator Two Module	Each	4.00			
50	16A One Way Switch	Each	5.00			
51	6A Three Way socket	Each	4.00			
52	32A DP Switch	Each	4.00			
53	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, junction box, elbows, screws at an interval of 300 mm as required. 25 mm	m	20.00			
54	Supplying and fixing of round or oblong type bulk head fitting glass cover	Nos	5.00			
55	Supplying of .....feet -PVC Batten with integrated LED tube .... W with high quality	Each	10.00			

	diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fitting 1 x 4' - 36/40 W					
56	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc, for operation on 230 V, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system. 48" Sweep (1200 mm) Regular model	Each	2.00			
57	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. 15" Sweep (450 mm)	Each	3.00			
58	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S'' hook with fan regulator to the existing board together with supplying and fixing 5 A. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Each	5.00			
59	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 A. ceiling rose with sufficient length of 23/0.0076 inch PVC insulated twin core wire.	Each	4.00			
60	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32 A SP	Each	4.00			
61	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5m long buried in a pit . The pit should be filled with equal proportion of salt and charcoal 150 mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per lSI specification 7.3.3. of IS 732 using 12 mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	No	4.00			
62	GI/Copper strips for grounding connections, using necessary fixing materials as required. 25 x 6 mm GI strip	m	120.00			
63	1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975.	km	0.20			

	95 Sqmm, 3.5 Core, (21 GI Strips - 4 x 0.8 mm)					
64	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS694:2010. 1 mm2	m	100.00			
65	2.5 mm2	m	200.00			
66	4 mm2	m	200.00			
67	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. 8 Way SP & N	Each	2.00			
68	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V upto 300mA sensitivity on existing wood/ panel board. 32-40A 4 pole	Each	1.00			
69	Supplying & Fixing Chemical earthing for grounding. Conduits, IC cut-outs & other equipments back fill compound which is non-corrosive, thermally conductive, potential to permissible limits, superior Fault conduction capacity, non toxic, weather resistance & capable of achieving ohmic value less than one ohm Using 10ft. Copper bonded rod with backfill compound	kit	3.00			
70	Providing And Installtion of FRP Gritting of 20 mm thickness on Ducting work for cabels and pipelines of width 0.3 mm	m2	21.00			
71	Providing & Installation of Auto shutoff Valve which includes RTU Panel for operation and integration with exisiting scada, Providing 2 KVA online UPS along with communication cabels of 3 and 6 core including SIM charges for communication along with upgradation of Header line which includes Pressure reducing valve with replacement of worn out insturments such as pressure guages and switches	Job	1.00			
72	Supply of PVC/FRP PP floor mounted Rotameter cabinet having electrically controlled flow rate of chlorine based on the integration of residual chlorine analiser reading	Nos	2.00			
73	Supply & installation of Electrical hoist with electrical trolley of capacity 2 Ton for lifting	Nos	2.00			

	of chlorine cylinder with 6 mtr lifting with 4 way normal panel along with making necessary repairing of existing I Beam and painting with E poxy					

Note:

(1) Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities (refer: ITB Clause 7.2 and CC Clause 33.2).

(2) Unit rates and prices shall be quoted by the Tenderer in Indian Rupees.

(3) Where there is a discrepancy between the rate in figures and words, the lower of the two will govern.

[ITB Clause 20.1(a)]

(4) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern [ITB Clause 20.1 (b)].

-Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,
Bangalore-560012

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To: _____ [name of Employer]
_____ [address of Employer]
WHEREAS _____ [name and address of Contractor] (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ [name of Contract and brief description of Works] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs._____ [amount of guarantee] _Rupees_____ _____[in words], and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor
_____
Name of Bank _____
Address _____
Date _____

-Sd/-

Executive Engineer,
Quality Assurance Division,
Suvarna Bhavan, 1st floor,18th cross,
Margosa Road,Malleshwaram,

Bangalore-560012.